

FIG.1

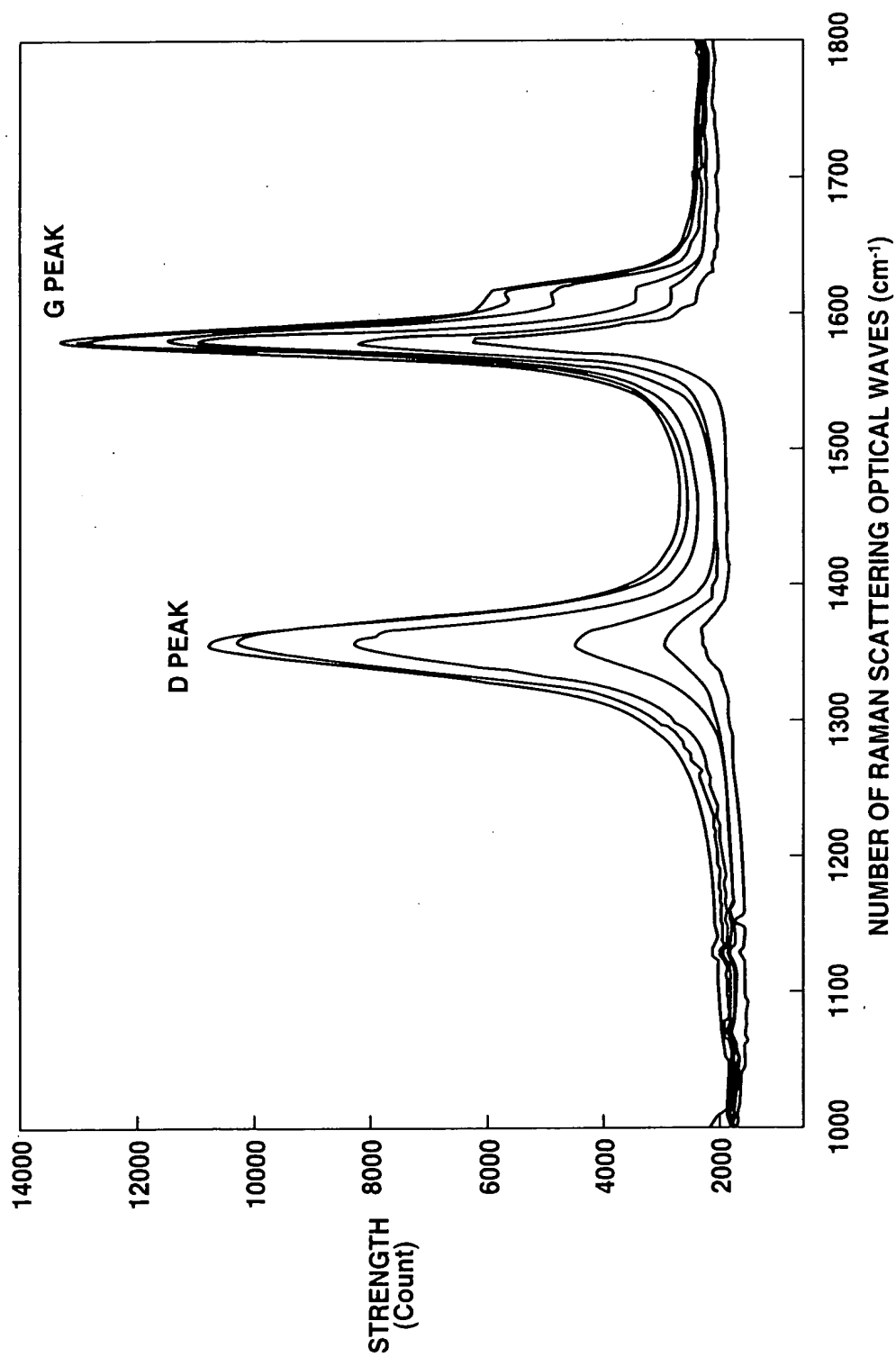


FIG.2

The figure displays X-ray diffraction patterns for two samples, Ex. A-1 and Comp. Ex. A-1, plotted against the diffraction angle 2θ (deg. $\text{CuK}\alpha$) from 10 to 30. The y-axis represents the diffraction strength in arbitrary units. The legend identifies three components: \bullet for Li_3PO_4 , \circ for $\text{Fe}_3(\text{PO}_4)_2$, and \times for $\text{Li}_3\text{Fe}_2(\text{PO}_4)_3$. The Ex. A-1 pattern shows a broad peak around $2\theta = 18^\circ$ and a sharp peak at $2\theta \approx 28^\circ$. The Comp. Ex. A-1 pattern shows a similar broad peak but with additional sharp peaks at $2\theta \approx 12^\circ$ and $2\theta \approx 28^\circ$, which are marked with \bullet and \circ respectively. The Ex. A-1 pattern also shows a small peak at $2\theta \approx 12^\circ$ marked with \times .

FIG. 3

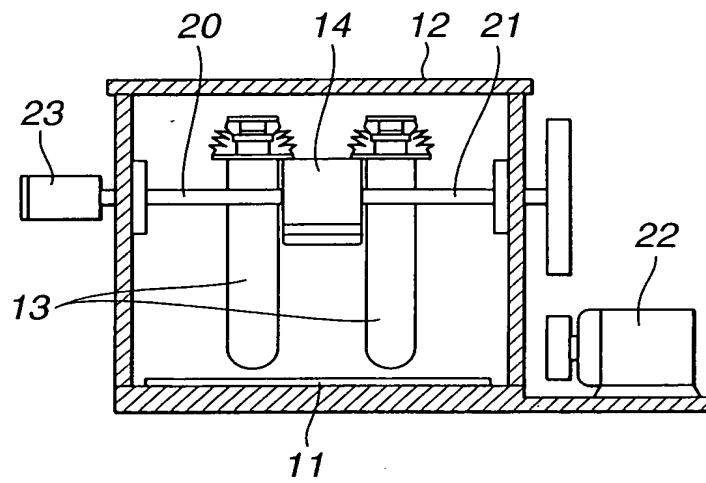


FIG. 4

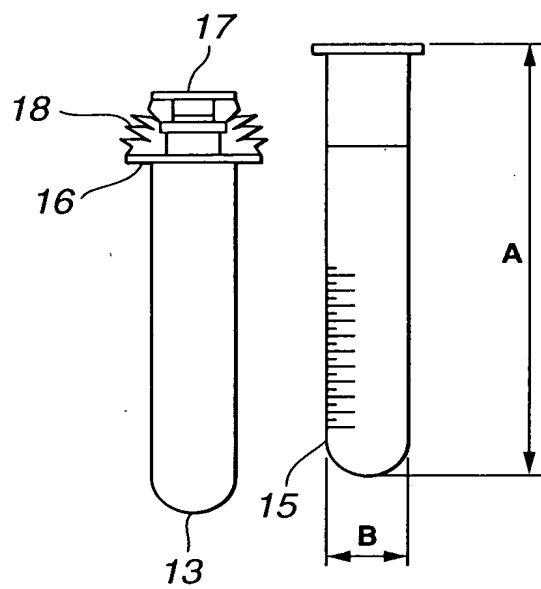


FIG. 5

FIG. 6

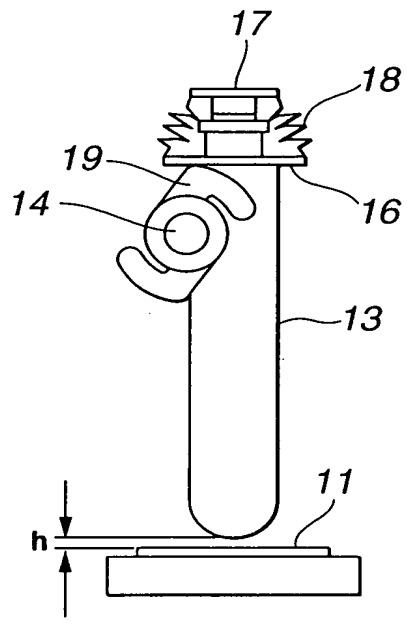


FIG.6